

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Appln. No. 10/053,555

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A junction flexible wiring circuit board used for performing junction between a suspension board for mounting a magnetic head thereon and a control circuit board for operating said magnetic head, said junction flexible wiring circuit board comprising:

a metal layer formed as a front surface layer of said junction flexible wiring circuit board, wherein said metal layer is formed substantially uniformly in the lengthwise direction except portions where terminal portions are provided and wherein further, said metal layer does not contact the terminal portions.

2. (original): A junction flexible wiring circuit board according to Claim 1, further comprising:

a plurality of wiring circuit patterns disposed at intervals of a predetermined distance; wherein said metal layer is formed at least in a position opposite to said wiring circuit patterns.

3. (original): A junction flexible wiring circuit board according to Claim 2, wherein a width of each of said wiring circuit patterns is not projected out from a width of said metal layer.

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Appln. No. 10/053,555

4. (original): A junction flexible wiring circuit board according to Claim 2, wherein a width of said metal layer is formed to be not smaller than a sum of a total width of said wiring circuit patterns and a total width of intervals between said wiring circuit patterns; and a width of each of said wiring circuit patterns is not projected out from the width of said metal layer.

5. (original): A junction flexible wiring circuit board according to Claim 2, wherein each of said wiring circuit patterns is provided with at least one of write line and at least one of read line; and

 said metal layer includes a write line side metal layer portion opposite to all of said write lines, and a read line side metal layer portion disposed at a predetermined distance from said write line side metal layer portion so as to be opposite to all of said read lines.

6. (original): A junction flexible wiring circuit board according to Claim 5, wherein:

 a width of said write line side metal layer portion is formed to be not smaller than a sum of a total width of said write lines and a total width of intervals between said write lines;

 a width of each of said write lines portion is not projected out from the width of said write line side metal layer portion;

 a width of said read line side metal layer portion is formed to be not smaller than a sum of a total width of said read lines and a total width of intervals between said read lines; and

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Appln. No. 10/053,555

a width of each of said read lines is not projected out from a width of said read line side metal layer portion.

7. (previously presented): A junction flexible wiring circuit board according to Claim 1, wherein said metal layer is formed at least on a side of said junction flexible wiring circuit board on which the terminal portions connected to said suspension board are provided.

Claim 8 (canceled).

9. (currently amended): A junction flexible wiring circuit board provided in combination with a suspension board for mounting a magnetic head thereon and a control circuit board for operating said magnetic head, comprising:

a metal layer formed as a front surface layer of said junction flexible wiring circuit board; and

a characteristic impedance of said junction flexible wiring circuit board being within \pm 10% of a characteristic impedance of said suspension board and within \pm 10% of a characteristic impedance of said control circuit board, wherein said metal layer is formed in the lengthwise direction without being in contact with terminal portions provided on the junction flexible wiring circuit board.

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Appln. No. 10/053,555

10. (previously presented): A junction flexible wiring circuit board provided in combination with a suspension board and a control circuit board according to claim 9, wherein the metal layer is disposed on the junction flexible wiring circuit board in a same manner as a metal layer disposed on the suspension board so that the characteristic impedance of the junction flexible wiring circuit board and the suspension board are substantially equal.

11. (previously presented): A junction flexible wiring circuit board according to claim 1, wherein a thickness of the metal layer is in a range from 100 angstroms to 50 μm .

12. (previously presented): A junction flexible wiring circuit board according to claim 1, wherein a thickness of the metal layer is in a range from 500 angstroms to 30 μm .

13. (currently amended): A junction flexible wiring circuit board according to claim 7, wherein said metal layers, including the metal layer formed on the side of said junction flexible wiring circuit board on which the terminal portions connected to said suspension board are provided, are ~~is~~ formed on both of two sides of said junction flexible wiring circuit board.

Claims 14 and 15 (canceled).